

DX LISTENING DIGEST 5-047, March 17, 2005
Incorporating REVIEW OF INTERNATIONAL BROADCASTING
edited by Glenn Hauser, <http://www.worldofradio.com>

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NOTE: If you are a regular reader of DXLD, and a source of DX news but have not been sending it directly to us, please consider yourself obligated to do so. Thanks, Glenn

AIRINGS OF WORLD OF RADIO 1267:

Fri 0200 WOR ACBRadio Mainstream [repeated 2-hourly thru 2400]
Fri 0930 WOR World FM, Tawa, Wellington, New Zealand 88.2
[1030 from March 25; also weekend repeats TBA]
Fri 1700 WOR WBCQ after hours
Sat 0000 WOR Studio X, Momigno, Italy 1584 87.35 96.55 105.55
Sat 0000 WOR ACBRadio Mainstream
Sat 0630 WOR SIUE WEB RADIO [following 1266 at 0600 this week]
Sat 0900 WOR WRN1 to Eu, Au, NZ, WorldSpace AfriStar, AsiaStar,
Telstar 12 SAm
Sat 0955 WOR WNQM Nashville TN 1300
Sat 1130 WOR WWCN 5070
Sat 2030 WOR R. Lavalamp
Sun 0330 WOR WWCN 5070
Sun 0400 WOR WBCQ 9330-CLSB
Sun 0430 WOR WRMI 7385
Sun 0730 WOR WWCN 3210
Sun 0930 WOR WRN1 to North America, also WLI0-TV Lima OH SAP
Sun 0930 WOR KSFC Spokane WA 91.9
Sun 0930 WOR WXPB Rhinelander WI 91.7 91.9 100.9
Sun 0930 WOR WDWB Auburn NY 89.1 [unconfirmed]
Sun 0930 WOR KTRU Houston TX 91.7 [occasional]
Sun 1030 WOR WRMI 9955
Sun 1100 WOR R. Lavalamp
Sun 1300 WOR WRMI 7385
Sun 1400 WOR KRFP-LP Moscow ID 92.5
Sun 1500 WOR R. Lavalamp
Sun 1700 COM WBCQ after hours
Sun 2000 WOR Studio X, Momigno, Italy 1584 87.35 96.55 105.55

Sun 2100 WOR RNI
Mon 0330 WOR WRMI 7385
Mon 0400 WOR WBCQ 9330-CLSB
Mon 0430 WOR WSUI Iowa City IA 910 [1266]
Mon 0530 WOR WBCQ 7415
Mon 0900 WOR R. Lavalamp
Mon 1000 WOR WRMI 9955
Mon 1700 WOR WBCQ after hours
Tue 0700 WOR WPKN Bridgeport CT 89.5
Tue 1700 WOR WBCQ after hours
Wed 1030 WOR WWCN 9985
Wed 1700 WOR WBCQ after hours

MORE info including audio links: <http://worldofradio.com/radioskd.html>

WRN ON DEMAND [from Friday]:

<http://new.wrn.org/listeners/stations/station.php?StationID=24>

OUR ONDEMAND AUDIO [also for CONTINENT OF MEDIA, MUNDO RADIAL] [from early UT Thursday]

WORLD OF RADIO 1267 (high version):

(stream) <http://www.w4uvh.net/wor1267h.ram>

(download) <http://www.w4uvh.net/wor1267h.rm>

WORLD OF RADIO 1267 (low version):

(stream) <http://www.w4uvh.net/wor1267.ram>

(download) <http://www.w4uvh.net/wor1267.rm>

(summary) <http://www.worldofradio.com/wor1267.html>

WORLD OF RADIO 1267 in the true shortwave sound of 7415:

(stream) http://www.piratearchive.com/media/worldofradio_03-16-05.m3u

(d'load) http://www.piratearchive.com/media/worldofradio_03-16-05.mp3

CONTINENT OF MEDIA 05-03, from March 15: (low version):

(stream) <http://www.w4uvh.net/com0503.ram>

(download) <http://www.w4uvh.net/com0503.rm>

(summary) <http://www.worldofradio.com/com0503.html>

WORLD OF RADIO ON WRN, A-05: additional time on WRN North America:

From March 27 (or April 3?), Sunday 1730-1800 UT (Edwina Jarvis, WRN, March 17, DX LISTENING DIGEST)

DXLD YAHOOGROUP: Why wait for DXLD? A lot more info, not all of it appearing in DXLD later, is posted at our yg. Here's where to sign up <http://groups.yahoo.com/group/dxld/>

** ARMENIA. Heard the Spanish segment of Radio Yerevan March 16 at 0330, with some poor signal on 9965, not as good as in years before when it came loud and clear, and these guys are announcing in the opening the frequency change for b-05 to 11640, not in use yet (Ra'l

Saavedra. Costa Rica, dxldyg via DX LISTENING DIGEST)

Public Radio of Armenia, 9965, 1925-1946* March 11, English news, commentary, local pops, ID as Public Radio of Armenia; did not hear any V. of Armenia IDs but audio was somewhat muffled (Brian Alexander, Mechanicsburg PA, DX LISTENING DIGEST)

** BOLIVIA. R. Municipal, 4845.2, 1025-1100+ March 11, Spanish talk, CP music, 1044 ID. Weak, poor with RTTY QRM.

R. Santa Cruz, 6134.79, 1020-1100+ March 11, Spanish talk, 1021 & 1046 IDs; CP music, fair (Brian Alexander, Mechanicsburg PA, DX LISTENING DIGEST)

** CANADA. CBC News - Viewpoint: Greg Hughes

"Shortwave radio, a global broadcasting format used in various propaganda battles during the Cold War, is starting to see an increase in growth." He doesn't provide evidence for this, though...

http://www.cbc.ca/news/viewpoint/vp_hughes/20050316.html

(via Kim Elliott, DXLD) Most of article not about SW, but CBC etc.

** CHINA. 15430, Chinese Jammer, Xian Area China, 44434 Beijing Opera. The usual Chinese jamming station. Another station (Presumably RFA) fades up every once in awhile. 2338 UTC 3/14/2005 (Phil K06BB Atchley, Merced CA, swl at qth.net via DXLD)

Phil, how do you know where this jammer is located in China? Could certainly use a handy reference to jamming station locations. 73, (Glenn Hauser, ibid.)

Hi Glenn, I use SWLog for my station logging and it usually accesses Eibi, ILG, HFCC databases etc for things like location. I'm not sure how accurate their data is, but it's the best I can do. 73 de (Phil, K06BB, ibid.)

** CHINA [non]. (clandestine) Chinese anti-communist clandestine, ``Sound of Hope International`` (Xiwang Zhi Sheng Guiji Guanpodientai), based in US, has recently been mentioning their shortwave broadcast (2200-2300 9635, 2300-2400 7310, 1600-1700 11765), in Chinese page of their web site [http:// soundofhope.org/category-488-1.htm](http://soundofhope.org/category-488-1.htm) The main programs are news, and continual ``commentaries on Chinese Communist Party`` in Chinese. Reception reports on shortwave broadcast are welcome, and verified by QSL card. Send reports to; 9ping @ soundofhope.org The daily shortwave programs are also heard via on-demand internet broadcast (Takahito Akabayashi, Tokyo, Japan, March 17, DX LISTENING DIGEST)

** CHINA [and non]. More Falun-gong satellite hijinx:

The full online issue can be read at:

<http://www.ClandestineRadio.com/crw/crw.php?id=238>

ASIASAT PROBES FALUN GONG-RELATED HIJACK OF SATELLITE TRANSMISSIONS

Kyodo News March 16, 2005 --- Article originally posted at:

<http://www.japantoday.com/e/?content=news&cat=7&id=330922>

HONG KONG ó Asia Satellite Telecommunications Co said Tuesday it has launched an investigation into Monday's interruption of its satellite transmissions with signals carrying content related to the Falun Gong spiritual movement, banned in China. The company said in a statement that six transponders on its AsiaSat 3S satellite were deliberately interrupted by illegal signals, repeatedly carrying Falun Gong-related content (Kyodo News Mar 16 via Grace-USA)

INTERCEPTION OF NINE COMMENTARIES MESSAGE ON TV WAS A "GOOD THING"

March 31, 2005 By Zhao Zifa, The Epoch Times Article originally

posted at: <http://www.theepochtimes.com/news/5-3-16/27116.html>

CCP WITHDRAWALS PASS 300,000, NEWS BROADCAST IN CHINA

March 16, 2005 By Zeng Ni, The Epoch Times

Around 11:30 am on March 16 (Beijing time), The Epoch Times reported that the number of people who withdrew from the CCP exceeded 300,000. At the same time, the Chinese official news agency, Xinhua News, confirmed that the signals of many TV stations were intercepted and the news of the withdrawals were broadcast in China on the intercepted signals. Article originally posted at:

<http://www.theepochtimes.com/news/5-3-16/27101.html>

UNEXPECTED PROGRAM ON CHINA'S TV: WITHDRAWING FROM CCP

March 15, 2005 By Pu Huien, The Epoch Times

HONG KONG - At 9 p.m. on March 13, "a statement to withdraw from the Chinese Communist Party (CCP)" popped up on the TV screen when Hong Kong residents were watching a Chinese satellite TV program. It lasted for about a minute. Then, the TV play was resumed. One hour later, the TV station stopped all its programs. Article originally posted at:

<http://www.theepochtimes.com/news/5-3-15/27055.html>

FALUN GONG DENIES SENDING CHINA PIRATE SIGNALS

March 16, 2005 Reuters

HONG KONG, March 16 (Reuters) - The Falun Gong spiritual movement dismissed on Wednesday accusations by a Hong Kong-based satellite operator that it had hacked into a satellite to beam transmissions into mainland China.

"The accusation is completely groundless, we do not know what this whole thing is and we do not know who may be doing it," said Kan Hung-cheung, a Hong Kong-based spokesman for the group.

China's official Xinhua news agency reported on Tuesday that Asia Satellite Telecommunications Co Ltd (AsiaSat) said Falun Gong interrupted transmissions on Monday on several provincial channels to broadcast information about the group into China, where Falun Gong is banned as an "evil cult."

AsiaSat accused Falun Gong of a similar operation on November 22. At that time, a Falun Gong spokeswoman in Hong Kong said she knew nothing about any hacking.

Xinhua said AsiaSat condemned the illegal transmissions at a news conference in Hong Kong and reserved the right to take legal action.

Beijing banned the Falun Gong in 1999 after 10,000 members besieged the compound of the Chinese leadership in the capital to demand official recognition for their faith.

But the movement, which combines Taoism, Buddhism and traditional Chinese breathing exercises, remains legal in Hong Kong, a former British colony that returned to Chinese rule in 1997.

A Falun Gong Web site, <http://www.clearwisdom.net> says that in the past five years China has tortured more than 1,121 practitioners to death, jailed at least 6,000 and sent more than 100,000 to labour camps. The figures could not be independently confirmed.

Two years ago, China accused the Falun Gong of hijacking satellite signals to disrupt state media broadcasts, saying it had pinpointed the origin of the disruption to Taiwan (Additional reporting by Tan Ee Lyn in Hong Kong) (Reuters Mar 16; all via Nick Grace, CRW via DXLD)

** CHINA. I am surprised that CRI do not yet have a dedicated satellite feed on Astra 2 or Hotbird - after all, CCTV-9 does. CCTV-9 is slick and well produced, a million miles from the old heavy-handed Radio Beijing (Richard Hunt, 03.16.05 - 12:31 pm, Media Network blog via DXLD)

Yes, it's well-produced. My only criticism is that, last time I saw it, there was an announcer speaking English with a heavy Chinese accent and it required a lot of concentration to understand 100%. I am not against announcers with native accents, but if it impairs comprehension it becomes a problem (Andy Sennitt, 03.16.05 - 12:54 pm, *ibid.*)

Is it likely they will want more airtime of WRN on 1440 AM in Europe?
(Wayne, 03.16.05 - 2:56 pm, *ibid.*)

Possibly, but airtime on 1440 is expensive. We (Radio Netherlands) used it for a time. We'd be back there if we could afford it, having lost the use of 1512. I think RTL has other plans for 1440, i.e. DRM.
(Andy Sennitt, 03.16.05 - 3:09 pm, *ibid.*)

I've noticed several British and Australian presenters, and some Chinese presenters who are probably children of emigrants to Australia or Canada (Richard Hunt, 03.16.05 - 3:11 pm, *ibid.*)

There are probably more foreigners on-air there now than ever before: I believe Jon Kennedy was the first to get newsreading responsibilities (though they had others on features beforehand). Personally I think having foreigners producing and presenting (as I did on Voices from other Lands) weakens the Chinese identity of the station. At the same time, some of the Chinese staff (and all the foreigners) are aware that it's that same Chinese identity that alienates listeners outside Asia. I believe they pay up to Å10,000 per month for FM relays, with up to 10% of that going to the middlemen. And that reference to "getting closer by using middlemen" smacks of a polisher being subtly honest! For the record, the on-air foreigners I know of there currently are Canadian, Australian (on loan from the ABC), English, Scottish and Irish. And a personal disclaimer: I'm speaking as an Ex-employee, not a current one: I don't kiss-and-tell!
(Connor Walsh, 03.16.05 - 4:28 pm, *ibid.*)

Let me make it clear: I am all for maintaining the Chinese identity of the station. Some of the Chinese presenters are outstanding. But there's one in particular whom I've seen several times whose pronunciation is not, IMHO, sufficiently clear for a presenter on an international news channel. Maybe it's just me, but I find it tiring to listen to that presenter reading the autocue for more than a few minutes at a stretch (Andy Sennitt, 03.16.05 - 4:44 pm, *ibid.*)

I totally agree, Andy! And I think it seems to be worse at CCTV9 than on CRI (also, all my comments were about CRI, rather than CCTV, sorry about that). The clearest speaking non-native speakers on CCTV9 are mostly ex-CRI! And their Newsreader Edwin Maher is reputedly one of Australia's top voice coaches! So they really should be better. I have to say CCTV's Chinese identity seems lost on air. But I also have to admit I can't really stand most of their programming, so hardly ever watch it, and my comments are based on the impression I got of the station months and months ago (Connor Walsh, 03.16.05 - 5:26 pm, *ibid.*)

** COLOMBIA. Marfil Estéreo, 5910.03, 0200-0400+ March 11, Spanish announcements, IDs, HJ music/ballads, TCs. Good but some weak co-channel QRM and occasional RTTY QRM,

R. Líder, 6139.78, 2325-0215+ March 11-12, Spanish talk, IDs, variety of local ballads, Spanish pops. Good; some weak co-channel QRM after 0000 (Brian Alexander, Mechanicsburg PA, DX LISTENING DIGEST)

** CONGO DR [non]. I was delighted to hear Radio Okapi last night after 0500 UT with some vernacular language and onto French after 0530, mentioning Uganda, Zimbabwe and other African names. It seems obvious this hardly can be a 10 kW transmitter. Though it was a fair to poor signal it was in the clear and no fading. I'd guess they must be running up to 25 or 50 kW. Now, why delighted? The last time I heard an African station on 25 m at that time it was around 1974, Radio Clube do MoÁambique with a pop/rock format and news at TOH. And finally Côte d'Ivoire left 11920, I can't recall if it happened in the mid-80s, though in its case signals were caught after 2300. Receiver ICF 7600 GR, with that 2nd category-sync detection, not as good as that one of the ICF 2010. Anyway, what else do you expect from a less than 170 bucks receiver? (Ra'l Saavedra, Costa Rica, March 17, dxldyg via DX LISTENING DIGEST)

Since it's Meyerton, must be at least 100 kW; they also have 250 and 500 kW available. No doubt we are quite off-beam with it aimed more or less north (Glenn Hauser, DXLD)

** EQUATORIAL GUINEA. Radio Nacional de Guinea Ecuatorial, Bata was heard today March 16 around 1830 kHz on 5005,00 kHz with local music and talks in vernaculars. Signal strength S7 and overall reception poor to fair (Jouko Huuskonen, Turku FINLAND, DX LISTENING DIGEST)

** GERMANY. DW in ``Gypsy``, A-05, Sundays only:
ROMANES 1030-1100 15275 NAUEN 500 125 SEUR/ME
ROMANES 1030-1100 17765 WERTACHTAL 500 105 SEUR/ME (Waldemar Kraemer
- DW Technical Consulting, via WWDXC-HQ; March 14, 2005 via DXLD)

** GERMANY. T-Systems (DTK) A-05 Schedule

Pan Am Broadcasting

0030 - 0045 1 9740
1400 - 1430 7 15650
1430 - 1445 1 2 7 15650
1445 - 1500 7 15650
1500 - 1515 1 15650
1530 - 1545 1 15650
1530 - 1545 4 11610
1545 - 1600 1 15650

1600 - 1630 1 15650

Democratic Voice of Burma
2330 - 0030 1234567 9435

Radio Taiwan International
2000 - 2100 1234567 5975

Radio Miami International
1600 - 1700 1234567 12015 [Minivan Radio]
1800 - 1859 1 13650 [Radio Free Syria]

RTR
1300 - 1415 1 5925

Bible Christian Association
1530 - 1600 1 6015

MWA
1100 - 1115 1 5945we

FVM
1630 - 1700 7 11865we

WRN
0000 - 0100 1234567 7315 [IBC Tamil]

HCJB
1700 - 1800 1234567 6015

Allerweltshaus Koln e.V.
1500 - 1530 34567 17870 [R. Rhino International, but suspended]
2200 - 2300 12 9480 [R. Cimarrona, but suspended]

Hamburger Lokalradio
0900 - 1000 7 6045 (to 30 Apr)

Evangeliums Radio Hamburg
0858 - 1000 1 6045

Christliche Wissenschaft
0900 - 0959 1 6055
1700 - 1730 3 5 13750
1800 - 1859 7 9655

Evangelische Missions Gemeinden in Deutschland
1030 - 1059 17 6055we
1100 - 1130 7 11840na

1500 - 1530 7 11610we

Radio Reveil Paroles de Vie

1830 - 1859 5 15675

Sagalee Bilisummaa Oromoo

1700 - 1759 1346 15670

Deutsche Telekom

1500 - 1559 7 15690

1600 - 1659 1 15670

1630 - 1659 36 15670

1700 - 1759 5 15670

1830 - 1930 14 15565

IBRA Radio, Sweden

1730 - 1759 1234567 15450

1730 - 1845 1234567 9485

1900 - 2045 1234567 9675

2000 - 2100 1234567 9840

Universelles Leben

0100 - 0129 1 9485

1100 - 1159 1 6055

1130 - 1159 7 6055

1600 - 1629 1 15640

1800 - 1829 1 15675

1900 - 1929 1 13820

The Overcomer Broadcast

1100 - 1159 1 6110

1400 - 1559 1234567 13810

1400 - 1600 1234567 6110we

Radio Télévision Belge de la Communauté Française

0457 - 0713 23456 17580

0457 - 1000 17 17580

0957 - 1131 1234567 17545

1427 - 1803 23456 17570

1457 - 1706 17 17570

Bible Voice Broadcasting

0630 - 0845 1 5945

0700 - 0815 7 5945

0715 - 0830 6 5945

0845 - 1015 6 17595we

1500 - 1600 37 17510

1530 - 1600 12456 17510

1530 - 1759 1 13590
1540 - 1615 246 13590
1540 - 1645 5 13590
1540 - 1730 3 13590
1545 - 1830 7 13590
1615 - 1729 246 9430
1630 - 1730 123567 13810
1630 - 1759 4 13810
1700 - 1715 13467 13600we
1700 - 1729 35 9430
1700 - 1730 25 13600we
1700 - 1759 46 13590
1700 - 1759 17 9430
1730 - 1800 3 9430na
1800 - 1859 17 11965
1800 - 1900 7 6015 9430na
1800 - 1915 16 9430na
1800 - 1930 1 6015
1815 - 1830 23456 6015
1900 - 1930 7 9430
1930 - 1959 1 9430
1930 - 2000 7 9430

Gospel for Asia

0030 - 0130 1234567 9495we
1330 - 1430 1234567 13685we
1430 - 1530 1234567 13645we
1530 - 1630 1234567 13750we
2330 - 0030 1234567 9560we

WYFR Family Radio

1700 - 1800 1234567 3955 11785 13720
2000 - 2100 1234567 9605 13590

Hrvraska Radio Televizija

2200 - 0300 1234567 9925
2300 - 0300 1234567 9925
0100 - 0500 1234567 9925
0400 - 0700 1234567 9470
0600 - 1000 1234567 13820

Deutsche Welle

0600 - 1000 1234567 6140
1000 - 1300 1234567 6140/drm
1300 - 1600 1234567 6140
1600 - 1900 1234567 6140/drm

Vlaamse Radio en Televisie

0457 - 0656 1234567 9590

Transmitter Documentation Project

0900 - 1100 1 6015/drm

1100 - 1259 7 6015

1300 - 1600 7 6015/drm

Radio Netherlands World Service

0559 - 0700 1234567 11655 (1 Jun-1 Sep)

0700 - 0800 1234567 9610 (1 Jun-1 Sep)

Adventist World Radio

0500 - 0600 1234567 5965

0900 - 1000 1 11775

1900 - 1959 1234567 11805

2000 - 2030 1234567 11670

Trans World Radio

0527 - 0545 23456 7210

0827 - 0845 34567 6105 7210

1027 - 1100 7 7225 9490

1227 - 1245 1234567 5945

1557 - 1630 7 7240

Voice of Russia

0100 - 0300 1234567 5945

1400 - 1500 1234567 15430

1900 - 2100 1234567 5985 9825

2000 - 2100 1234567 7260

2200 - 2300 1234567 6145

International Broadcast Bureau

0100 - 0300 1234567 11975we

1500 - 1659 1234567 9565 11885

All broadcasts via Juelich, except: we = Wertachtal na = Nauen
/drm = DRM broadcast (via Alokesh Gupta in dxldyg Mail List via Alan
Roe, World DX Club via DXLD) See the original in the yg if you would
like more info such as azimuths in a less readable format (gh)

** GUYANA. Has anyone else noticed that 3291 has been silent for a
number of weeks now? I saw one report of flood damage but nothing
since. The last time I heard them, shortly before disappearing, they
uncharacteristically closed down transmission around 0400 UT with
something like, "That concludes our programming for today; thanks for
stopping by". Wonder if they will ever be back? (John Cobb, Roswell,
GA, March 16, DX LISTENING DIGEST)

Top of Form 1

** INTERNATIONAL. A05 schedules available on <http://www.bclnews.it>
(shortwaves yg via DXLD) Many of them the same as, or taken from DXLD,
but a click away, constantly growing file (gh, DXLD)

** INTERNATIONAL. AWR A-05 Schedule

Afar

1430-1500 AF 15225mo

Amharic

0330-0400 AF 11975dh

Arabic

0400-0430 ME 9770mo

0430-0500 AF 9770mo

1700-1730 ME 15265mo

1730-1800 AF 15265mo

1830-1900 AF 15280mo

1900-1930 AF 15245ju

Assamese

1330-1400 AS 14 15275ag

Bari

1800-1830 AF 2 15280mo

Bengali

1230-1300 AS 15135dh

1300-1330 AS 15275ag

Bulgarian

0500-0600 EU 5965ju

Burmese

0000-0030 AS 15510ag

1400-1430 AS 9725ag

Chin

1430-1500 AS 9590ag

Col English

1800-1830 AF 46 15280mo

Dial Ara

1930-2000 AF 24 15245ju

Dyula

2000-2030 AS 11870mo

English

0200-0230 AS 9895mo

1000-1030 AS 11930ag

1200-1230 AS 15135dh

1330-1400 AS 23567 15275ag

1330-1400 FE 11980ag

1530-1600 AS 15225dh

1600-1630 AS 11640ag

1600-1630 AS 11680ag

1630-1700 AS 11975ag

1730-1800	ME	9385ag
1800-1830	AF	3215me
1800-1830	AF	3345me
1800-1900	AF	9590me
2000-2030	AF	7175me
2030-2100	AF	7175me
2100-2130	AF	9715mo
2130-2200	AF	9715mo
2230-2300	AS	11850ag
2230-2300	AS	15320ag
Farsi		
0330-0400	ME	9895mo
1630-1700	ME	15360mo
Filipino		
1030-1100	AS	11930ag
1700-1730	ME	9385ag
French		
2000-2030	AF	6100me
2000-2030	AF	15245ju
2000-2030	AF	9820me
2030-2100	AF	11870mo
German		
1500-1530	EU	6130mo
Hausa		
1900-1930	AF	11955mo
Hindi		
1530-1600	AS	15265dh
1530-1600	AS	11870ag
1700-1730	ME	11560ag
Ibo		
1930-2000	AF	11955mo
Indonesian		
1100-1130	AS	15435ag
2200-2230	AS	15320ag
2200-2230	AS	11850ag
Italian		
0900-1000	EU 1	11775ju
Japanese		
1300-1330	FE	11980ag
1300-1330	FE	7180ag
2100-2130	FE	11850ag
2100-2130	FE	11980ag
Juba Arabic		
1800-1830	AF 37	15280mo
Kabyle		
1930-2000	AF 15	15245ju
Kannada		
1530-1600	AS	11640ag

Karen

0030-0100 AS 15510ag

1430-1500 AS 11885ag

Khmer

1330-1400 AS 11885ag

Kiswahili

1700-1730 AF 9595me

Korean

1200-1300 AS 9685ag

2000-2100 AS 6115ag

2000-2100 AS 5990ag

Malagasy

0230-0330 AF 3215ma

1528-1628 AF 3215ma

Malayalam

1530-1600 AS 9600ag

Mandarin

0000-0200 FE 12025ag

0000-0200 FE 15590ag

0100-0200 FE 15520ag

1000-1100 FE 15615ag

1000-1100 FE 15510ag

1100-1200 FE 11975ag

1100-1200 FE 11770ag

1100-1500 FE 12105ag

1200-1300 FE 15145ag

1200-1300 FE 9720ag

1300-1330 FE 23456 15320dh

1330-1500 FE 15320dh

1400-1500 FE 9695ag

2100-2200 FE 11895ag

2100-2200 FE 11750ag

2200-2300 FE 12120ag

2200-2300 FE 15215ag

2300-2400 FE 12120ag

2300-2400 FE 15370ag

Marathi

1530-1600 AS 11895ag

Masai

1730-1800 AF 9595me

Mizo

1500-1530 AS 11895ag

Mongolian

1030-1100 AS 11780ag

Moru

1800-1830 AF 15 15280mo

Nepali

1500-1530 AS 15225dh

Oriya
 1600-1630 AS 12015ag
 Oromo
 0300-0330 AF 11710dh
 1730-1800 AF 15520dh
 Panjabi
 1500-1530 AS 11870ag
 1500-1530 AS 15265dh
 Russian
 0300-0330 AS 15205dh
 1330-1400 AS 17740dh
 Sinhalese
 1400-1430 AS 12045ag
 Somali
 1630-1700 AF 15460dh
 Spanish
 2200-2357 SAM 6165bo
 Tachelhit
 1930-2000 AF 367 15245ju
 Tamil
 1500-1530 AS 9600ag
 1730-1800 ME 11560ag
 Telugu
 1500-1530 AS 11640ag
 Thai
 1130-1200 AS 15435ag
 Tigrinya
 0300-0330 AF 11975dh
 Uighur
 1300-1330 AS 17 15320dh
 Urdu
 0230-0300 AS 9895mo
 1400-1430 AS 17720mo
 1600-1630 AS 15225mo
 1600-1630 AS 11975ag
 Vietnamese
 0100-0200 AS 7 15445tw
 1400-1500 AS 11795tw
 2300-2400 AS 15320ag
 Yoruba
 2030-2100 AF 6100me

bo = Bonaire
 dh = Dhabayya
 ju = J,lich
 ma = Madagascar
 me = Meyerton
 mo = Moosbrunn

ag = Agat
tw = Taipei

Days: 1=Sunday, ... 7=Saturday.

(AWR via Alokesh Gupta in dxldyg mail list re-arranged by Alan Roe, World DX Club via DXLD) Same comments as under GERMANY

** INTERNATIONAL VACUUM. WorldSpace is a little tempting for holidays and served me well as free-to-air when I worked in Central Asia, but paying £7-10 for a 40-channel service, much of which I don't like, is too much. I will just load the Creative Zen (ipod-a-like) with some music I have chosen. I will give the money instead direct to a charitable organisation working in Africa (CHRIS McWhinnie, BDXC-UK via DXLD)

** INTERNATIONAL VACUUM. Richard Cuff remarks in DXLD 5-046 that there is "zero transmission cost" for the BBC's PRI and XM/Sirius feeds. I have no direct knowledge that this is not the case, but I think it is unwise to assume this. Broadcasters pay WRN for their distribution, Radio France Internationale pays Dish Network to be distributed in the U.S., even though subscribers also pay. It wouldn't surprise me if a similar payment scheme is in place for PRI and XM/Sirius. There would be "zero transmission cost" (at least no additional cost) for BBC World Service to unencrypt its feed on Panamsat 9, but BBCWS clearly is not interested in making it easier for Americans to listen (Mike Cooper, Mar 16, DX LISTENING DIGEST)

** IRAN. Problemi alla VOIRI --- Stasera il programma in italiano della VOIRI delle 1930 UTC non È andato proprio liscio liscio: Davide Tambuchi ha notato, alle 1946 il programma È stato bruscamente interrotto, al suo posto È andato in onda per quattro minuti un programma in un'altra lingua. Poi ancora quattro minuti di portante muta, e infine alle 1954 musica fino alla fine dello spazio previsto, senza annunci o saluti finali. Problemi di feeder? Tecnico distratto alla control room? Ricorda tanto le ore di muto a RAI International!!! (Roberto Scaglione, bclnews.it via DXLD) WTFK?

** ISRAEL. Just received the IBA A-05 schedule, which still shows several English broadcasts as well as other languages, but the spreadsheet is missing the times, just the languages and frequencies. It does state:

``According to IBA request all broadcast cease at 30.06.05 meaning NO shortwave`` So we shall have Israel on shortwave for at least another three months! (Glenn Hauser, March 17, dxldyg via DX LISTENING DIGEST)

Until they extend it again, of course. This reminds of the death of

Franco, the Spanish dictator. It just goes on and on (John Figliozi, Halfmoon, NY, ibid.)

Yea but he's still clinically dead; least they have a pulse (Bill KA2EMZ Bergadano, swprograms via DXLD)

Bob Hope is still dead, too. I wonder what Hebrew is for "cry wolf"? (Richard Cuff / Allentown, PA, ibid.)

Kol Israel shortwave now continues until June 20 [sic], 2005. This is more of a "status-quo", than an extension. The Director General is the one who set the March 31st date. This must first be ratified by the IBA Board of Governors. There is no IBA Board of Governors at the moment, so the decision was never made final. Hence the extension. I received the latest Kol Israel schedule, but I still have a couple of questions, so I'm not posting it as of yet. Hopefully, I'll be able to get answers quickly (Doni Rosenzweig, March 17, DX LISTENING DIGEST)

** ITALY. RAI International A05

0055-0115	INGLESE	11800		
0055-0115	SPAGNOLO	9840		
0115-0130	FRANCESE	11800		
0115-0130	PORTOGHESE	9840		
0130-0230	ITALIANO	11765		
0130-0230	ITALIANO	6110		
0130-0315	ITALIANO	11800		
0130-0315	ITALIANO	9840		
0315-0335	SPAGNOLO	11800		
0315-0335	SPAGNOLO	9840		
0345-0405	RUSSO	5970	9670	11830
0405-0425	UCRAINO	5970	9670	11830
0435-0445	ITALIANO	7235	9800	
0435-0445	ITALIANO	6110		
0435-0455	AMARICO	11900		
0445-0500	INGLESE	7235	9800	
0445-0500	INGLESE	6110		
0455-0530	ITALIANO	11900		
0505-0525	LITUANO	9670	11795	
0530-0550	RUMENO	9670	11795	
0530-0550	SOMALO	11900		
0600-0620	ARABO	11900		
0600-0620	RUSSO	9670	11795	
0630-1300	ITALIANO	9670		
1000-1100	ITALIANO	11920		
1245-1630	ITALIANO-CALCIO	17780		
1245-1630	ITALIANO-CALCIO	21515		
1245-1630	ITALIANO-CALCIO	9670		

1245-1630	ITALIANO-CALCIO	11915		
1245-1630	ITALIANO-CALCIO	15515		
1330-1345	ARABO	567		
1330-1355	ARABO	9670	11900	
1330-1355	ARABO	11915		
1335-1355	ALBANESE	9610		
1400-1415	SLOVENO	9570		
1400-1425	ITALIANO	15280	17780	
1415-1435	TEDESCO	9570		
1435-1455	CROATO	9570		
1500-1520	TURCO	9780	11775	
1500-1525	ITALIANO	9670	11720	
1500-1525	ITALIANO	11915		
1500-1525	ITALIANO	9670	11720	
1520-1540	GRECO	9780	11775	
1530-1555	FRANCESE	9670	11855	
1540-1600	BULGARO	9780	11775	
1555-1625	ITALIANO	9670	11855	
1605-1625	RUSSO	9555	11700	
1630-1655	ARABO	11915		
1630-1655	FRANCESE	7275	9675	11855
1700-1800	ITALIANO	7175	9675	11890
1700-1800	ITALIANO	15320		
1700-1800	ITALIANO	15385		
1700-1800	ITALIANO	11970		
1805-1825	TEDESCO	6040	9845	
1810-1825	CECO	6130		
1825-1840	SLOVACCO	6130		
1830-1905	ITALIANO	15380	17780	
1840-1900	POLACCO	6130		
1910-1930	SERBO	6130		
1910-1930	SOMALO	11890		
1935-1955	INGLESE	5960	9845	
1935-1955	UNGHERESE	6130		
2000-2020	RUSSO	6185	9615	11805
2000-2020	SVE-DAN-ESPE	6110	9780	
2025-2045	ARABO	6110	7130	
2025-2045	INGLESE	6050	11875	
2050-2110	PORTOGHESE	6110	7130	
2050-2110	PORTOGHESE	15240		
2050-2110	PORTOGHESE	11875		
2110-2130	SPAGNOLO	6110	7130	
2115-2135	RUMENO	5970		
2135-2155	ARABO	6000	7295	
2135-2155	CECO	5970		
2155-2210	SLOVACCO	5970		
2200-0400	ITALIANO	6060		
2200-0400	ITALIANO	1332		

2200-0400 ITALIANO 900
2205-2230 INGLESE 11895
2210-2225 POLACCO 5970
2240-0055 ITALIANO 11800
2240-0055 ITALIANO 9840 (via A. Borgnino, via Roberto
Scaglione <http://www.bclnews.it> via DXLD)

** JAPAN. R. Japan - NHK World A-05 Schedule

Arabic

0400-0430 AF 17780sr
0400-0430 ME 17780sr
0700-0730 AF 15220as
0700-0730 ME 15220as

Bengali

0630-0700 swAS 11890sr 15590
1230-1300 swAS 11890sr

Burmese

1030-1100 seAS 11740sn
1230-1300 seAS 9695
2320-2340 seAS 13650

Chinese

0400-0430 AS 17845
0500-0530 AS 17845
0600-0630 seAS 17860
1200-1230 AS 6190
1200-1230 seAS 11740sn
1300-1330 AS 6190
1430-1500 AS 6190
2230-2250 AS 9560
2240-2300 seAS 13650
2340-0000 seAS 13630 17810

English

0000-0015 seAS 13650 17810
0000-0100 NAM 6145sa
0100-0200 AS 17845
0100-0200 CAM 17825
0100-0200 ME 5960uk 17560
0100-0200 NAM 17825
0100-0200 OC 17685
0100-0200 SAM 11935bo
0100-0200 seAS 17810 11860sn
0100-0200 swAS 15325
0300-0400 OC 21610
0500-0600 EU 5975uk
0500-0600 NAM 6110sa
0500-0600 seAS 17810
0500-0700 AS 15195

0500-0700 EU 7230uk
 0500-0700 OC 21755
 0600-0700 AS 11715 11760
 0600-0700 CAM 13630
 0600-0700 NAM 13630
 0600-0700 NAM 17870
 0600-0700 seAS 11740sn
 1000-1100 EU 17585ua
 1000-1100 ME 17720ua
 1000-1100 OC 21755
 1000-1200 AS 11730
 1000-1200 NAM 6120sa
 1000-1200 seAS 9695
 1400-1500 OC 11840sr
 1400-1600 seAS 7200
 1400-1600 swAS 11730
 1500-1600 AS 6190
 1500-1600 CAM 9505
 1500-1600 NAM 9505
 1700-1800 AF 15355ga
 1700-1800 CAM 9535
 1700-1800 EU 11970
 1700-1800 NAM 9535
 2100-2200 AF 11855as
 2100-2200 EU 6055uk 6180uk
 2100-2200 NAM 17825
 2100-2200 NAM 21670
 2100-2200 OC 6035sn
 French
 0500-0530 ME 17820sr
 0630-0700 EU 11970ga
 1230-1300 AF 17870as 15400as
 1630-1650 ME 11785
 1800-1820 AF 9685 11785
 1800-1820 EU 11970
 German
 0600-0630 EU 11970ga
 1100-1130 EU 11710uk 9660uk
 Hindi
 0700-0730 swAS 11890sr 15590
 1300-1330 swAS 11890sr
 Indonesian
 0930-1000 seAS 9695
 1130-1200 seAS 13660
 1230-1300 seAS 13660
 2300-2320 seAS 17810
 2340-0000 seAS 13650
 Italian

0530-0545 EU 11970ga
1030-1045 EU 21820ga

Korean

0430-0500 AS 17845
0530-0600 AS 17845
1115-1145 AS 6090
1230-1300 AS 6190
1440-1430 AS 6190
2210-2230 AS 9560

Malay

1200-1230 seAS 13660 9695
1300-1330 seAS 9695
2240-2300 seAS 17810

Persian

0230-0300 ME 17780sr
0830-0900 ME 17675sr

Portuguese

0230-0300 SAM 9660mo
1030-1100 SAM 9530mo

Russian

0330-0400 AS 17845
0430-0500 EU 11970ga
0530-0600 AS 11715 11760
0800-0830 AS 6145 6165
1130-1200 EU 11710uk
1330-1400 AS 6190
1840-1900 EU 11970
1900-1920 AS 5955

Spanish

0400-0430 SAM 9660mo
0500-0530 CAM 11895mo
0500-0530 EU 11970ga
1000-1030 CAM 9540
1000-1030 SAM 9530mo 9710
1820-1840 EU 11970

Swahili

0330-0400 AF 6135as
1300-1330 AF 17870as

Swedish

0545-0600 EU 11970ga
1045-1100 EU 21820ga

Thai

1130-1200 seAS 11740sn
1330-1400 seAS 7200
2300-2320 seAS 13650

Urdu

0730-0800 swAS 11890sr 15590
1330-1400 swAS 11890sr

Vietnamese

1100-1130 seAS 13660
1230-1300 seAS 11740sn
2320-2340 seAS 17810

Transmitters:

uk = United Kingdom
as = Ascension Island
ga = Gabon
ua = UAE
sr = Sri Lanka
sn = Singapore
sa = Canada
bo = Bonaire Island
mo = French Guiana (via Md. Azizul Alam Al-Amin in hcdx mail list
rearranged by Alan Roe, World DX Club via DXLD)

** NETHERLANDS [and non]. The A05 schedule for RNW's Dutch service has
been posted at
http://www2.rnw.nl/rnw/nl/radioafdeling/ontvangst/KG_sch/ZmFqEu2005?view=Standard

This page reveals that RNW will use Orfordness (what else?) 1296 kHz,
at 0500-0600. Amongst the shortwave outlets 1600-1700 on 15335 to
Central Europe looks especially interesting. Some of 6015, 6035, 9610
and 9695 should be relays via non-RNW sites as well. All the best,
(Kai Ludwig, Germany, March 17, DX LISTENING DIGEST)

15535 is an all-cross-African channel from Madagascar, but also into
Europe, 18S,27,28,29W,37E,38,39,47,48 MDC 250 335

6015 Flevo, 6035 KLG 20-22 UT, 9610 JUL 7-8 northwards and 9695 2 x
500 kW FLE in two directions (Wolfgang B,schel, ibid.)

RADIO NETHERLANDS PROGRAMME AND FREQUENCY GUIDE Valid from March 27th
to 30th October 2005, Universal Time Coordinated (same as GMT)

North America

1100 UT [1200 UT until April 2 {see below}] on 11675
1900 UT weekends only on 15315 17760 17735
0000 UT on 9845 [2 hours]
0400 UT on 6165 9590

SUNDAY

1100 News
1106 Wide Angle
1125 The Week Ahead
1130 Vox Humana
1900 Documentary

1930 News
1935 Wide Angle
1952 The Week Ahead
2000 Vox Humana
2030 News
2035 Wide Angle
2052 The Week Ahead
[UT Monday]
0000 0100 0400 Wide Angle
0017 0117 0417 Insight
0022 0122 0427 The Week Ahead
0027 0127 0427 Vox Humana

MONDAY

1100 Newsline
1130 Research File
[UT Tuesday]
0000 0100 0400 Newsline
0027 0127 0427 Research File

TUESDAY

1100 Newsline
1130 EuroQuest
[UT Wednesday]
0000 0100 0400 Newsline
0027 0127 0427 EuroQuest

WEDNESDAY

1100 Newsline
1130 Documentary
[UT Thursday]
0000 0100 0400 Newsline
0027 0127 0427 Documentary

THURSDAY

1100 Newsline
1130 Dutch Horizons
[UT Friday]
0000 0100 0400 Newsline
0027 0127 0427 Dutch Horizons

FRIDAY

1100 Newsline
1130 A Good Life
[UT Saturday]
0000 0100 0400 Newsline
0027 0127 0427 A Good Life

SATURDAY

1100 News
1106 Europe Unzipped
1125 Insight
1130 Amsterdam Forum
1900 Vox Humana
1930 News
1935 Europe Unzipped
1952 Insight
2000 Amsterdam Forum
2030 News
2035 Europe Unzipped
2052 Insight
[UT Sunday]
0000 0100 0400 Europe Unzipped
0017 0117 0417 Insight
0027 0127 0427 Amsterdam Forum

EUROPE

2300 UT on 1179 mediumwave

SUNDAY

2300 News
2307 Wide Angle
2325 The Week Ahead
2329 Vox Humana

MONDAY

2300 Newsline
2329 Research File

TUESDAY

2300 Newsline
2329 EuroQuest

WEDNESDAY

2300 Newsline
2329 Documentary

THURSDAY

2300 Newsline
2329 Dutch Horizons

FRIDAY

2300 Newsline
2329 A Good Life

SATURDAY

2300 News
2307 Europe Unzipped
2325 Insight
2329 Amsterdam Forum

AFRICA

1800 UT on 6020 9895 11655
1900 on 7120 9895 11655 17810 [2 hours]

SUNDAY

1800 News
1805 Wide Angle
1822 The Week Ahead
1827 Vox Humana
1900 Documentary
1930 News
1935 Wide Angle
1952 The Week Ahead
2000 Vox Humana
2030 News
2035 Wide Angle
2052 The Week Ahead

MONDAY

1800 Newsline
1827 Research File
1900 EuroQuest
1930 Newsline
2000 Research File
2030 Newsline

TUESDAY

1800 Newsline
1827 EuroQuest
1900 A Good Life
1930 Newsline
2000 EuroQuest
2030 Newsline

WEDNESDAY

1800 Newsline
1827 Documentary
1900 Dutch Horizons
1930 Newsline
2000 Documentary
2030 Newsline

THURSDAY

1800 Newsline
1827 Dutch Horizons
1900 Research File
1930 Newsline
2000 Dutch Horizons
2030 Newsline

FRIDAY

1800 Newsline
1827 A Good Life
1900 Documentary
1930 Newsline
2000 A Good Life
2030 Newsline

SATURDAY

1800 News
1805 Europe Unzipped
1822 Insight
1827 Amsterdam Forum
1900 Vox Humana
1930 News
1935 Europe Unzipped
1952 Insight
2000 Amsterdam Forum
2030 News
2035 Europe Unzipped
2052 Insight

ASIA, FAR EAST, PACIFIC

1000 UT on 9790 12065 13710 13820
1400 UT to South Asia on 9345 9890 11835 [2 hours]

SUNDAY

1000 News
1005 Wide Angle
1022 The Week Ahead
1027 Vox Humana
1400 News
1407 Wide Angle
1424 The Week Ahead
1429 Vox Humana
1500 Documentary
1530 News
1535 Wide Angle
1552 The Week Ahead

MONDAY

1000 Newsline
1027 Research File
1400 Newsline
1429 Research File
1500 EuroQuest
1530 Newsline

TUESDAY

1000 Newsline
1027 EuroQuest
1400 Newsline
1429 EuroQuest
1500 A Good Life
1530 Newsline

WEDNESDAY

1000 Newsline
1027 Documentary
1400 Newsline
1429 Documentary
1500 Dutch Horizons
1530 Newsline

THURSDAY

1000 Newsline
1027 Dutch Horizons
1400 Newsline
1429 Dutch Horizons
1500 Research File
1530 Newsline

FRIDAY

1000 Newsline
1027 A Good Life
1400 Newsline
1429 A Good Life
1500 Documentary
1530 Newsline

SATURDAY

1000 News
1005 Europe Unzipped
1022 Insight
1027 Amsterdam Forum
1400 News
1407 Europe Unzipped
1424 Insight

1429 Amsterdam Forum
1500 Vox Humana
1530 News
1535 Europe Unzipped
1552 Insight

Tracking down which frequencies (in kHz) come from which sites
Bonaire 6165 9590 9790 9845 11675 15315 17735 and 17810
Sackville 17660
Flevoland 11655
Irkutsk 13710
Madagascar 6020 7120 9890 9895 and 11835
Petropavlovsk 12065
Khabarovsk 13820
Tashkent 9345
S¹lverborg, Sweden 1179 AM Mediumwave
For more information: <http://www.rnw.nl>
(On Target Summer 2005 pdf file via John Norfolk)

Program previews can be found at:
http://www2.rnw.nl/rnw/en/listeningguide/this_week
(jn, dxldyg via DXLD)

Please note: the comment [1200 UT until April 2] is no longer correct, as the transmitter will be doing a BBC transmission at 1200 UT from 27th March. It was our intention to do what we did last year, and cover the one week discrepancy in local clock changes by broadcasting at both 1100 and 1200 UT for one week, but that is not now possible.

I had hoped to change the PDF file today, having just learned of this change last night. Unfortunately I discovered the PDF file was created at the printers, and we do not have the right version of Acrobat to edit it :-((Andy Sennitt, March 17, dxldyg via DXLD)

My guess is this "BBC Transmission" is one of those that is being shifted from Antigua. There's an irony in this -- When the BBC dropped Sackville transmissions on July 1, 2001, RNW picked up the 9515 frequency and began its now-successful AM transmission to North America. That transmission has since been moved to Bonaire... and is being bumped by a transmission for --- the BBC! (Richard Cuff / Allentown, PA USA, swprograms via DXLD)

** PHILIPPINES. Regular VOA operation from the new Poro site on 1170 kHz commenced Wednesday evening, March 15. The old antenna was dismantled March 16. The old site had the last operating CEMCO (Continental Electronics Manufacturing Co.) 105B one megawatt transmitter, originally delivered in 1954, and it was back in service during the move of the Harris DX-1000 to the new site, a 50 year

lifetime for the 105B (Aaron Zawitsky, DX LISTENING DIGEST)

** POLAND. FORMER POLISH PRESIDENT LECH WALESA TO SUE RADIO MARYJA

Former Polish president Lech Walesa says he intends to file lawsuits against institutions and persons accusing him of cooperation with the communist era security police. Walesa has in mind the controversial Catholic radio station Radio Maryja, and former Solidarity activist Anna Walentynowicz. He said he would be satisfied if Radio Maryja and Walentynowicz simply retracted the accusations. Walesa added that he was accustomed to attacks on him, but he cannot tolerate attacks under the cover of the church. He was disappointed with the posture of the Polish bishops, who tolerate the actions of the controversial Radio Maryja. (Source: Radio Polonia)

posted by Andy @ 16:11 UT March 16 (Media Network blog via DXLD)

** REUNION [and non]. Now --- Just when you think you can count on something being there day in and day out there have been some changes to the Reunion TV feed. It was available 24hrs per day on RF08 (Intelsat 701) as per the last ADXN. During the weekend a newly established station has taken it's place France ' - now this is a really cool station. It relays the local TV news (and weather girls) from all the French outposts around the world. The channel cuts to each local station live for the news, weather, traffic reports etc. as well as showing later repeats. Now we have access to weather girls in Mayotte, Guadeloupe, Martinique, St Pierre & Miquelon, French Guiana, Tahiti, Noumea etc.! Cheers, (Mark Fahey, ARDXC via DXLD)

Hi, Mark. Yes, was watching this late last night - they were interviewing some Rastafarian-looking guy from Radio Martinique. I love the picture quality from RFO - very vibrant and colourful, which really sets off some of the locales they feature. The bride thinks I am quite mad, as my high school French is less than adequate for the purpose. I gotta do something with my setup, though. I miss the news feeds on B1. I'm OK on the theory (set the declination on the Moteck SG2100 to my latitude & then adjust the dish elevation), but the mount on my dish has a fair bit of play in it (a Strong model) & I hate disturbing the thing! (Craig Seager, ibid.)

** RUSSIA. 9996, RWM Moscow, Russia, 34444 Time Signal Station. 0458 Data stream. 0500 steady carrier. 0507 carrier off. 0509 Sent in CW "V RWM RWM V V V CQ CQ CQ DE RWM RWM V V V CQ CQ CQ De RWM RWM. 0510 Time pips. This is the best I've ever heard RWM, I used the narrow CW filter. 0458 UTC 3/16/2005 (Phil K06BB Atchley, Merced CA, swl at qth.net via DXLD)

** SOUTH CAROLINA [non]. A religious broadcast in English is again heard on 702 kHz signing off at 2200 gmt - the Overcomer Ministry from

Monte Carlo? 73, (Stefano Valianti, Italy, March 14, MWC via DXLD)

Yes, it really is the Overcomer Ministry again. I do hear that particular broadcast for some days now (Henk Poortvliet, Zeist, the Netherlands, March 15, ibid.) See also GERMANY

** SYRIA. Amigos, Estou novamente por aqui relembrando a programaÁ,,o da R·dio Damasco em espanhol. Ela transmite diariamente uma emiss,,o em lingua espanhola para as AmÈricas. Esta emiss,,o È feita de 2315 às 0030 UT nas frequÍncias de 12085 e 13610 kHz.

Esta programaÁ,,o di·ria em espanhol È muito interessante e a emissora tem uma particular atenÁ,,o com todos os seus ouvintes. Se vocÍ entrar em contato com a emissora por E-mail, passar· a receber E-Mails pessoais com as informaÁies mais recentes de sua programaÁ,,o.

Em sua emiss,,o a R·dio Damasco apresenta, todos os dias uma programaÁ,,o fixa composta por: Abertura da emiss,,o, Imprensa Local, NotÍcias, A NotÍcia e seu Coment·rio, Boletim SintÈtico, Despedida e encerramento da Emiss,,o. Dentro desta programaÁ,,o fixa È colocado um programa a mais e diferente a cada dia, ou seja:

2ª Feira "Nós e o Mundo"

3ª Feira "Os ;rabes de Al-Andalus"

4ª Feira "AtravÈs da Imprensa ;rabe"

5ª Feira "Sucesos da semana / O Islan a travÈs da arte e da arqueologia"

6ª Feira "Os ;rabes de Al-Andalus"

S·bado "A CivilizaÁ,,o ;rabe"

Domingo "AtravÈs da Imprensa ;rabe".

A programaÁ,,o da R·dio Damasco em espanhol È muito atrativa e por se tratar da CivilizaÁ,,o ;rabe, sempre tem a faculdade de atrair nossa admiraÁ,,o pela cultura deste povo. ... uma boa pedida se fazer esta sintonia.

O EndereÁo postal da emissora È: P.O.Box 4702, Damasco, Syria

O E-Mail pode ser enviado a locutora Maria Galindo, em:

mmhrez @ shuf.com

Um abraÁo a todos, (Adalberto Marques de Azevedo, Barbacena - MG - Brasil, DX Clube do Brasil, March 15, Noticias DX via DXLD)

** TAIWAN. 15250, Fu Hsing Broadcasting Station, 1429-1458* March 13, initially only the carrier was noted by 1410, and by 1425 there was enough audio to manage some details. Noted with tel. interview conversations in standard CH, after 1430 interspersed with short clips of orchestral music, 1445 a commentary interview with a Chinese

delegate, managed to catch that it was a talk about trade relations with the US-Taiwan. Actually, at one point it was a three-way conversation with two on the telephone and the female host. By 1451 the signal was well over a full S7 level. At 1455, male speaker with what sounded like control and schedules given (actually heard the English words), then the start of a news bulletin just prior to sign-off. Cut in mid-sentence at 1458 with no ID (Ed Kusalik, Alberta, Dxplorer via DXLD)

** TUNISIA [and non]. Hurray, I can hear RTT again on 7275 at 0550 with traditional Arabian music (usual vocals and strings in Arabian half-step scales), woman announcer's speech not so clear, but music listenable, and 41 meters was hopping ---

Croatia back to full strength on 7285, VOA very strong on 7295 and 7265, DW good on 7225, BBC on 7105 and 7160, and RFI on 7135. Maybe conditions are finally turning around (Eric Bryan, WA, 3/16, DX LISTENING DIGEST)

** TURKMENISTAN. 5015, Turkmen Radio, 2342-0005, March 15, Turkmen, Continuous music with announcer between selections, "echo" FX talks over music from 2354-2359. Pip at 0000 followed by NA, (Tentative) "Watan Radioyaylymy" at 0004 and talk over wind instruments. Poor but readable under static. Apparently this signs on earlier than 0000, as listed in WRTH and PWBR, which I assumed in my Mar. 12 log when I tuned in during the NA at 0000. Does Turkmenistan observe DST this time of year or is this just a schedule change? (Scott Barbour, NH, dxldy via DX LISTENING DIGEST)

I'd be surprised if anywhere in the N. Hemisphere is already on DST. WRTH says T/stan is on UT+5 yearound, and timeanddate.com shows no shifting either. DST does start March 21 in Iran, ahead of the crowd (gh, DXLD)

** UKRAINE. Radio Ukraine International
Summer A05 Broadcasting Schedule (27 March 2005 - 30 October 2005)

Time UTC;	Frequency;	Transmitter	Site;	Power;	Azimuth;	Target Area
0000-0500;	7485;	Kharkiv;	100;	055;		Russia
0500-0800;	9945;	Kharkiv;	100;	277;		W.Europe
0800-1300;	15675;	Kharkiv;	100;	277;		W.Europe
1300-1700;	7530;	Kharkiv;	100;	055;		Russia
1700-2100;	7490;	Kharkiv;	100;	290;		W.Europe
2100-0000;	7420;	Kharkiv;	100;	290;		W.Europe
2300-0400;	7440;	Mykolaiv;	500;	314;		N.-E.America

Transmission schedules in various languages are as follows:
ENGLISH (one hour long): at 2100 on 7420 kHz, at 0000 & 0300 on 7440

kHz, at 1100 on 15675 kHz.

GERMAN (one hour long): at 1700 & 2000 on 7490 kHz, at 2300 on 7420 kHz.

UKRAINIAN programmes are transmitted on all frequencies and at all times except for the time reserved for English and German programmes, as shown above.

Romanian (half an hour long): at 1700, 1930 & 2100 on 657 kHz (via Chernivtsi).

On WEB-site <http://www.nrcu.gov.ua> transmissions in Real Audio format:

ENGLISH: at 2100, 0000, 0300;

GERMAN: at 1700, 2000, 2300;

UKRAINIAN: all other time of the day (Alexander Yegorov, Kyiv, Ukraine via Alokesh Gupta, New Delhi, dxldyg via DXLD)

** U K. re: BBC cutback in SW to Caribbean -- and its effect on Sportsworld on Saturday --- Ted Schuerzinger suggests that listeners will be "thrilled" that Sportsworld will no longer be on shortwave on Saturday mornings... well when you consider that cricket is very popular in that area with the West Indian team's competing against other cricket-playing countries I would have to think that regular listeners will not be happy that they won't hear the cricket news, and some live coverage, via shortwave when the first Saturday of the reduced cutbacks (April 2) comes around.

Also consider that soccer (or football) has some popularity in Jamaica and some other Caribbean nations (Trinidad & Tobago is another example) and there are some good players from the Caribbean who are starring in the English Premiership. This is another thing that shortwave-dependent WS listeners will not be able to hear--along with live coverage of the FA Cup Final come mid-May. And if you follow the Americans playing in the Premiership -- I'm talking about those who started their pro careers in our domestic league, Major League Soccer -- you'll also miss what they're up to in the live Premiership games.

Well, then again all won't be lost since BBC shortwave coverage to Africa, which we can hear well in the Eastern US, will include Saturday Sportsworld, so just pick your best frequency in the area you live in like 21470 in the mornings, and sit back and listen to some good soccer from the Premiership! (Joe Hanlon in New Jersey, DX LISTENING DIGEST)

?? I fail to appreciate what all the fuss with sport is about. Go out and play a game for your health and satisfaction. Listen to people talking about someone else doing it???? Nuts! What I shall miss is listening to BBC docus and features on 15190 during breakfast (Glenn Hauser, OK, DX LISTENING DIGEST)

** U K. Testbed is one of many production independent companies in the UK which makes programmes for BBC Radio, BBC TV and independent radio and TV. Specifically, Testbed make both Write On and the domestic equivalent, namely Feedback on Radio 4. As mentioned previously on the list, Testbed have been making both Write On and Feedback for many years now, but I am not aware of any other programmes specifically made by Testbed for any media outlet in the UK (PAUL DAVID Wembley Park, UK, swprograms via DXLD)

While it may seem that outsourcing, of all things, listener-feedback programmes, should be the last to see such a fate, could it be that this makes them more objective? No, seems BBC always has the last word making excuses and dismissing legitimate complaints (gh, DXLD)

** U K [and non]. BBC INVESTIGATES DOCTOR WHO LEAK --- Story from BBC NEWS:
http://news.bbc.co.uk/go/pr/fr/-/1/hi/entertainment/tv_and_radio/4328329.stm

The BBC is investigating how an episode of the new Doctor Who series ended up on the internet three weeks before the show is due to begin on BBC One.

A show spokesperson said the leak was a "significant breach of copyright".

"We would urge viewers not to spoil their enjoyment and to wait for the finished version, which airs at the end of the month," a statement said.

Christopher Eccleston plays the Doctor in the first new series since the sci-fi favourite was cancelled in 1989.

A 45-minute episode called Rose appeared on the internet on Monday. Rose is the name of the Doctor's assistant, played by pop singer Billie Piper.

"The source of it appears to be connected to our co-production partner," the BBC statement said. The partner is the Canadian Broadcasting Corporation (CBC).

A CBC spokesperson said: "We are looking into it. That's all I can say at this point because we don't know exactly what happened. It certainly wasn't done intentionally."
The episode appears to be the series' first instalment. The new series is hotly anticipated by fans, who have remained avid followers since the end of the last series more than 15 years ago.

The show has since been resurrected for a one-off TV movie and in the

form of animated online adventures. In 2003, it was voted the show people would most like to see back on TV.

It has also been revealed that Eccleston, who appeared in the film *Shallow Grave* and TV's *Cracker*, e-mailed writer and executive producer Russell T Davies to ask for the lead role.

Published: 2005/03/08 10:16:07 GMT © BBC MMV (via Tom Roche, DXLD)

** U S A. Yes, two signals on 7490, around 0200 UT; strong one on 7490.00 is WHRI, and some other much weaker audio, offset about 60 Hz at 7490.06 would be WJIE, but I'm in the skip zone of that (George McClintock, Nashville TN, DX LISTENING DIGEST) Being further from Upton doesn't help here; similar situation. How in the world did the FCC allow this? And how in the world did WHRI request 7490 in the first place? (Glenn Hauser, Enid, OK, DX LISTENING DIGEST)

** U S A. WBCQ Webcast Status --- Our webcasting hardware at Studio Number 1 in Monticello, Maine was whacked badly by a series of power surges on March 16. This unfortunate event roasted two computer systems and some additional hardware. We are working fast to restore this service for you, but it will take a few days before we can get new hardware installed and configured.

Propagation is improving as the season changes, so hopefully you'll be able to get WBCQ on 5105, 7415, 9330, or 17495 directly in your area. Our programming schedule is at <http://www.zappahead.net/wbcq>

Until our live webcast is back online, we invite you to check out our webcast services, featuring the best of WBCQ and related programming.

Best of WBCQ Webcast <http://111-rin.net:8020/listen.pls>
Old Time Radio Webcast <http://111-rni.net:8022/listen.pls>
BBS Old Time Radio Webcast <http://63.77.233.249:8000/listen.pls>
Radio New York International (high rate)
<http://111-rni.net:8000/listen.pls>
Radio New York International (low rate)
<http://111-rni.net:8002/listen.pls>
975 Pirate Radio - Classic Rock With An Edge
<http://sc3.audiorealm.com:10846/listen.pls>

Thanks to L. F. Midwood and Radio New York International for sponsoring our webcast presence. If you have any other questions, comments or webcast requests, please feel free to e-mail me at cosmikdebris@zappahead.net You can contact WBCQ directly at 1-800-573-6396 or send e-mail to wbcq@wbcq.com Best regards, (Larry Will, Friday, March 18, 2005 0224 UT wbcq.com and [dxldyg](mailto:dxldyg@wbcq.com) via DXLD)

** U S A. Finally heard WWRB on 15190, tentative as there was no legal ID, just continuous preaching between 1959 and 2002 UT March 17, about all I could take. Much weaker than WYFR on 15195, not to mention RCI on 15180. Surprising the FCC would allow the two stations only 5 kHz apart. Or it could have been Eq Guinea if on that late; they never seemed to run on time as far as breaking on the hour, and to say the least, are exempt from FCC ID rules (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. The old WXBH site has a "behind the scenes" photo page that I just KNOW Scott [Fybush not EuGene] (and a few others) will just LOVE!: P=) P=) P=) http://www.wxbh.com/new_page_5.htm
(Kaimbridge M. GoldChild, WTFDA via DXLD)

** U S A. Radio Visa's Spanish news/talk network is now in place on many former Radio Unica stations, as well as a few new converts. The network includes KCVR Lodi CA (flipping from Spanish oldies "La Consentida," an Entravision format which disappears), KCVR-FM 98.9 Columbia CA (from Spanish AC), KMIA 710 Black Canyon City/Phoenix AZ (from "Consentida"), KMXA 1090 Aurora/Denver CO (from "Consentida"), flagship KMXE 830 Orange/Los Angeles CA, KRLV 1340 Las Vegas NV, KRZY 1450 Albuquerque NM (from regional Mexican), KSVE 1150 El Paso TX (from regional Mexican), KTIQ 1660 Merced CA, KUNX 1400 Santa Paula CA, KZIP 1310 Amarillo TX, WJNX 1330 Fort Pierce FL and XERCN 1470 Tijuana BCN/San Diego CA (via Robert Wein, Fontana CA, IRCA Soft DX Monitor March 19 via DXLD)

** U S A. NRC's Fred Vobbe comments about IBOC on the "Wrath of Kahn" web site:
http://futureofradio.typepad.com/the_future_of_radio/2005/03/fred_vobbe_comm.html

Which leads to:

The latest "Wrath of Kahn" from Leonard Kahn features extensive commentary from Fred Vobbe, publisher of the National Radio Club's DX Audio Service, about AM radio and the need for further testing of Kahn's Cam-D system. Unfortunately, Kahn's web site does not use permalinks so Vobbe's comments may not be at the link above by the time you read this. If so, click the "Previous Weeks" links and look for the March 16 entry. <http://www.wrathofkahn.org/default.php>
(Harry Helms, ABDX via DXLD)

It really saddens me when I look at the number of station ENGINEERS and ENGINEERING DEPTS that have endorsed it and installed it. I guess many and most of them want to save their jobs. I would think that THEY, above all of us, would agree with what we are saying and know that this is just a horrible thing to do to the dial. It's really sad. I know of engineers that said they'd never do it and now are planning on doing it. Never say never I guess. :(I for one have said NEVER.

And I can guarantee you here in podunkville, we won't be doing it anytime soon. We don't have that kind of money nor do we care. I'd rather take advantage of the many AM STEREO radios that are already out there in cars --- some STILL being manufactured today --- and run C-Quam like we are. If our exciter breaks down I know a heck of a lot of people that can help me fix it (Michael J. Richard, KEVA, Evanston WY, *ibid.*)

IBOC is a high-pitched hiss, similar to someone grating their fingernails across a chalkboard continuously if you're hearing the het on a first-adjacent, and a whirring sound at the second adjacent. Even if you're tuned dead-center to the station, you can still hear a hiss behind the audio. It comes and goes when tuned dead-center as you move along powerlines or are hearing it via skywave. If the station is hetting with another cochannel station, the hissing will "chug" as each sideband cancels at 45 increments of the main carrier's cancellation/reinforcement cycle. If you force your radio into stereo mode, you'll hear what sounds like hiss in stereo, pulsing with a lower-frequency digital rumble - kind of like the old 80's Atari games imitation of white-noise (Darwin, Thousand Oaks, CA, *ibid.*)

Re ``It's because you can be sold satellite radio. HD is not being pushed because once the sale is made, you own the radio and they can't sell you anything else.``

But eventually you'll get to read all the ads coming through on your display --- and maybe eventually they'll "lock out" your listening unless you subscribe --- just another step toward controlling radio, something this current administration would LOVE to do, but won't admit. Just look at what the FCC is already doing, and professes to continue to push for --- censorship galore, fewer rights for the public to choose what they want to hear or view, and fewer rights for a broadcaster to be creative to attract an audience.

I have heard about the coming of so-called DAB radio since 1988. If the dirty, splattery, coverage-inefficient IBOC system is all that broadcast technology has to show after nearly two decades, it goes to show how little the US has to offer in the way of ingenuity in developing innovations in improved broadcast audio technology. You can go to a third-world dirt-poor country, whip out an SRF-42, and listen to both FM and AM stations in clean tried-and-true analog stereo and hear intriguing and captivating programming with live and breathing humans talking to you in between songs. You come to the US, and all you hear on the AM band is smut talk, dumbed-down information, some idiot trying to make a news program an entertainment call-in show, snake oil, get-rich ads, complaining, boring sports speculation aimed at a narrow segment through some 50 kW flamethrower, or political rhetoric. On FM it's LCD narrow playlists and cocky idiots. It's OUR

country's media system that's the problem. No other country has this problem --- at least as bad as we have it. The media industry has made it so bad for us that they have CREATED a need for alternative listening mediums (Darwin, ibid.)

Fees for stations using or that will use IBOC have been announced:

Licensing deadline	Main channel licensing fee	Digital Deadline
June 30, 2005	\$5,000	12/31/05
June 30, 2006	\$7,500	12/31/06
June 30, 2007	\$10,000	12/31/07
June 30, 2008	\$15,000	12/31/08
Subsequent	\$25,000	

A lot of \$\$ for stations to use IBOC, especially when the general public doesn't know or care about the system & receivers aren't available (John Ebeling, WTFDA via DXLD)

The figures quoted are one-time fees:

http://www.ibiquity.com/hdradio/documents/Licensing_Fact_Sheet_2005.pdf

They only cover one program. If you multicast two or more programs (or a program and non-audio data) there is an annual fee for that (Doug Smith W9WI, Pleasant View (Nashville), TN EM66, ibid.)

FINGERING THE DIGITAL: A spin around the Los Angeles FM dial reveals the following stations have adopted the IBOC digital hash-splattering (in analog) broadcast system; whether these add-ons are permanent or not remains to be heard. In the middle of the San Fernando Valley, KKJZ/88.1, the very listenable Jazz outlet at Cal State Long Beach, runs IBOC intermittently. When running, the IBOC hash wipes out any weak signal from KCLU/88.3 in Thousand Oaks.

(*Note: KKJZ's been touting a power increase to 30,000 watts for months now; the latest announced date was last Monday, March 14. In the mid-San Fernando Valley, using an ICOM R7100 receiver with signal meter, and a stable outdoor antenna, Update staffers noted a measurable increase in signal strength in mid-February, but no more since, as of March 16.*)

KCSN/88.5 from Cal State Northridge seems to be running IBOC on and off, although the hash could be coming from KCSN's co-channel booster station in West L.A., which runs IBOC regularly. KPCC/89.3 (rented out to Minnesota Public Radio) and KCRW/89.9 from Santa Monica College are IBOC-homes; they also are the only two stations even remotely audible in the SFV, between 89 and 90 MHz. Then we have KUSC/91.5, which seems to be the worst splatter-offender on FM; sometimes the hash reaches

all the way up to 91.9, affecting reception of KVCR/91.9 in San Bernardino.

Continuing up the dial, we enjoy a well-earned break from IBOC --- until we reach Univision's KSCA/101.9; their IBOC crap wipes out any possible fringe reception of outlying stations on 101.7 (KXSB Big Bear) or 102.1 (KPRI Encinitas); no doubt this hash cuts into what's considered KXSB's primary coverage area, starting around Pomona or Ontario. Clear Channel's KIIS-FM/102.7's IBOC eliminates fringe signals from Oxnard and San Diego on 102.9; then sister station KOST/103.5's digital delight completely wipes out powerful KRUZ/103.3 in Santa Barbara --- which otherwise is heard up and down the Pacific Coast from San Diego County to Big Sur. (Ventura and San Diego signals on 103.7 are also lost to KOST IBOC.) Finally, the original L.A. IBOC'er, Infinity's KROQ-FM/106.7, is still at it, 24/7 as far as the Update can determine. All fringe reception of KLQV/106.5 San Diego is lost as a result.

Now, this is pure speculation, but despite the investment into IBOC by major broadcasters, and the PR-trumpeting blasting forth about IBOC being the greatest thing since Oxygen, methinks the behind-the-scenes forces in broadcast engineering are secretly despising the 'In-Band-On-Channel' approach.

To springboard the digital revolution, the UK adopted a system involving entirely new frequency allocations, just above 220 MHz. Many varieties of home, auto and handheld analog/digital hybrid receivers are successfully being marketed in Britain, as a result. The London metro has somewhere around 54 digital-only stations, while maintaining a scant 16 or so analog FM broadcasters. Perhaps, therein lies a lesson for radio's marketing geniuses in this country?? (Greg Hardison, Broadcast Band Update March 17, DX LISTENING DIGEST) Complete UD in the dxld yg

** U S A. BUSH NAMES KEVIN MARTIN NEW FCC CHAIRMAN
By GENARO C. ARMAS, AP

WASHINGTON (March 16) - President Bush on Wednesday named Kevin Martin, a member of the Federal Communications Commission, to head the agency that has recently gained notoriety for clamping down on indecency in broadcasting.

Martin, who has been an FCC commissioner since 2001, replaces Michael Powell as chairman. Powell, son of former Secretary of State Colin Powell, had announced in January that he was leaving this month after four years in the top post.

The FCC has taken on an increasingly critical role in the life of

America with the explosive growth in the telecommunications industry. Martin, 38, a Republican, was born in Charlotte, N.C. He worked at the White House for Bush as an economic adviser and served as a deputy general counsel on Bush's first campaign. His wife, Catherine, is a special assistant to the president on economic policy and previously worked as an adviser to Vice President Dick Cheney.

Because he already is a member of the FCC, Martin's promotion, which had been widely expected, does not need to be confirmed by the Senate. As chairman, Martin would lead an agency that regulates phone, broadcast, Internet and other telecommunications services. Among the issues the agency will likely tackle in the near future are the digital TV transition; another stab at revising media ownership rules; whether to approve a spate of phone industry mega-mergers; and how to regulate Internet phone calls.

But the agency has been prominent in the public's mind recently for tougher enforcement of the indecency guidelines that free, over-the-air radio and TV stations must follow.

It probably was best known for the fine it levied on the so-called ``wardrobe malfunction'' involving entertainer Janet Jackson at the 2004 Super Bowl and for actions taken against bawdy radio shows and other programming deemed too racy for broadcast.

Fines for indecent programming exceeded \$7.7 million last year, including a total of \$550,000 against 20 CBS-owned stations for the Super Bowl show. CBS is contesting the fine. Four years ago, FCC fines totaled just \$48,000.

Martin and Powell have not always seen eye to eye, most notably in 2003 when Martin allied with the FCC's two Democrats on a key vote over phone competition rules.

Powell's final FCC meeting was last week, and he has said he wanted to clear out of his office by Friday.

The White House must still nominate a commissioner to the five-member FCC, which under the current political structure has three Republican slots and two Democratic ones. The Senate would have to approve that nomination.

Sen. Ted Stevens, R-Alaska, chairman of the Senate Commerce, Science and Transportation Committee, said Wednesday he has recommended his former aide, Earl Comstock to the White House for the open slot. Assistant Commerce Secretary Michael Gallagher - who is also head of the National Telecommunications and Information Administration - was considered another possibility for FCC chief and might still be

considered to become the third Republican commissioner.

Gallagher already is one of Bush's top advisers on telecommunications policy. Other names that have been mentioned include former Texas utilities regulator Rebecca Armendariz Klein and Pat Wood, chairman of the Federal Energy Regulatory Commission. 03/16/05 13:47 EST (via Bill Smith, W5USM, DXLD) Same:

<http://www.washingtonpost.com/ac2/wp-dyn/A40296-2005Mar16?language=printer>
(via Mike Cooper, DXLD)

PRESIDENT TAPS COMMISSIONER KEVIN J. MARTIN TO HEAD FCC
<http://www.arrl.org/news/stories/2005/03/16/5/?nc=1>
(via John Norfolk, dxldyg via DXLD) with BPL angle, natch

** U S A [and non]. [Former FCC Chairman Michael] Powell may indeed NOT be guilty of engendering our latest National push for "Clean Air", culminating recently in Congressional approval of obscenity fines in the half-million dollar range. He never really, enthusiastically beat the drum for cracking down; he did make a few loose statements decrying the idea of applying obscenity/decency standards to Satellite broadcasters. Powell's FCC legacy may simply be one of lack of control, as the more Conservative forces on the commission called for renewals of witch-burning at the behest of flag-waving, PR-laden, vote-sucking Congresspeople. Americans love to jump on bandwagons (*more, below!*) in order to buy into the Group Identity; this has been the fundamental (no pun intended) source of attempts to Control The Behaviour Of The Infidels in this Country for the past 400 years.

This too shall pass, but there is one very disturbing element: the propensity of lawmakers to call for fines issued against individual performers, who may cross the line of standards. You've read about these fears here before: holding performers responsible for their creative interpretations is obviously the first step toward State control of the arts --- a habit which provided plenty of gainful employment for censors in Nazi Germany and the Soviet Union. So think about it: what will YOUR children see in their lifetimes??

ANY MORE ROOM ON THE BANDWAGON?: Representing a mixed bag of nuts, Senators Kay Bailey Hutchinson (R/Texas) and Jay Rockefeller (D/W. Virginia) have teamed up to intro a measure that would regulate sex, etc. on Cable and Satellite broadcast services ...AND, would extend the FCC's long programming-monitoring arm to Violence, on TV...not altogether a good or bad idea, here. A very legitimate gripe by many involves depictions of gratuitous violence, especially here in America. Their proposal would have Programmers flash a reassuring message across our screens, every 30 seconds (!), during what's determined as "violent" depictions.

Then, the question comes up: shouldn't lawmakers worry about more important issues, such as nationwide failures in Health Care, Education, and efforts to rebuild Iraq?? Other nations seem to get by just fine with plenty of titillation on the Bulb...just last Friday (3/11), your Update despot personally observed an hour-long, English-language (with Spanish subtitles) documentary on the Porn business, over the airwaves, on Tijuana's Channel 3 (a direct relay of XEIPN-TV/Ch.11, at the Instituto Polit cnico Nacional, in Mexico City). The show featured plenty of full frontal and rear (rearal?) nudity, along with graphically explicit dialogue. And no, I would NOT want my own child anywhere near that, in any form! (For more about Parents' Responsibilities, refer to your stash of earlier Update bleatings...) (Greg Hardison, Broadcast Band Update March 17, DX LISTENING DIGEST) Complete UD in the dxld yg

**** U S A. AN ARBITER OF HIP-HOP FINDS ITSELF AS THE TARGET**
ARTS / MUSIC | March 16, 2005 By LOLA OGUNNAIKE and JEFF LEEDS

Recent events involving Hot 97 FM have critics contending that the radio station has tilted from credible arbiter of rap trends to ratings-hungry promoter of violence and racism. . .

<http://www.nytimes.com/2005/03/16/arts/music/16hot.html?ex=1111640400&en=97f27fde1067bb42&ei=5070>
(via Jim Renfrew, NY, DXLD)

**** U S A. BROKEN ANTENNA LEADS TO SHUTDOWN OF 2 RADIO STATIONS**

HOLLYWOOD, FL. -- Two radio stations were shut down and the Federal Communications Commission and police are investigating the allegedly illegal operations. The stations were discovered when a Hollywood resident reported that a large radio antenna had fallen over on top of the Wachovia bank building on the corner of Tyler and 19th Avenue.

Hollywood police said that one station was playing Caribbean music and the other was the "Voice of Peace for Israel." Investigators said that the stations were being run remotely by a computer that operated radio station master control set-up located on the sixth floor of the bank building. Investigators don't yet know where the remote computer is located. Investigators said the 40-foot tower was rigged up with a base made from a bucket and cement.

According to a fire investigator, the building supervisor said he had no idea who was renting the office space or how this equipment got on top of the roof. <http://www.local10.com/news/4292157/detail.html>
(via Dino Bloise, Hollywood, FL, dxldyg; also Brock Whaley, via DXLD)

**** U S A. SAN ANTONIO [sic] STATION SWITCHES TO LIBERAL TALK SHOWS**

Web Posted: 03/17/2005 12:00 AM CST
Meena Thiruvengadam, Express-News Business Writer
http://www.mysanantonio.com/business/stories/MYSA031705.1E.liberal_radio.14532b194.html

Listeners tuning to KHTY Radio (92.5 FM) today will hear political news and talk from a liberal point of view instead of the station's usual hip-hop tunes. The station, operated by San Antonio-based radio giant Clear Channel Communications Inc., is switching to a progressive talk format and the call letters KRPT.

"There is a tremendous audience for this here," said Nate Lundy, operations manager for KRPT, WOAI-AM and KTKR-AM. "This is a radio station whose time has come."

KRPT is San Antonio's first progressive talk station and its first FM talk channel. New programming starts at 8 a.m. with a news, pop culture and entertainment show hosted by former Cincinnati mayor and TV personality Jerry Springer.

Others scheduled to air on KRPT include satirist Phil Hendrie and leading left-wing talker Ed Schultz.

Al Franken, described by one industry expert as "the face of progressive talk radio," will not air on KRPT because of an agreement between Air America Radio, the network syndicating his show, and radio station operator Border Media Partners, which does not have a San Antonio station. Franken does air on Austin's Border-owned progressive talk station KOKE (1600 AM), which launched Monday.

Right now, an estimated 50 liberal talk stations broadcast in cities including Corpus Christi, Los Angeles, Miami and New York. Clear Channel owns about half the country's liberal talk stations.

The move toward liberal talk radio, which began about 18 months ago, isn't motivated by politics, according to Al Peterson, news and talk radio editor for R&R, an industry trade publication.

"It's just good business sense," he said. "A great deal of talk radio is built around conservative talk. Progressive stations can attract the people that wouldn't normally listen to conservative programming and the advertisers trying to reach those people."

A strong conservative actually paved the way for the growth of liberal talk radio, Peterson said. "Prior to 1990, there were only 200 or 300 talk radio stations in the country. Then along came Rush Limbaugh. He almost single-handedly saved talk radio. An entire industry built up around his success."

Between 1,200 and 1,300 talk stations air in the United States. Most are on the AM dial, but Peterson expects to see more migrate toward FM. "As radio operators see the value in spoken word programming, you'll probably see more of that," he said (via Artie Bigley, DXLD)

The new Progressive Talk website: <http://www.925krpt.com/main.html>

Their coverage map:

<http://www.radio-locator.com/cgi-bin/pat?call=KHTY&service=FM&status=L&hours=U>
(via Artie Bigley, DXLD) Ha, it's really in Pearsall to the SW, barely covering San Antonio (gh)

★★ U S A. KPLY SHAKEUP BRINGS NEW FACES TO RENO TALK RADIO
Forrest Hartman, RENO GAZETTE-JOURNAL

Sports announcer Jim Rome is used to talking about big-time trades. Now, he's fallen victim to one. Rome's sports-talk show will leave the Reno-area airwaves Monday, to be replaced by liberal mouthpiece and former "Saturday Night Live" writer and performer Al Franken. The frequency now allotted to Americom Broadcasting's sports-heavy KPLY-AM [1230, 820 watts] will become KJFK-AM, a progressive-talk station, said Daniel Cook, general manager of Americom's Reno Radio Representatives. In exchange for Rome, Reno audiences will get political satirist Franken and other moderate-to-liberal hosts, including Stephanie Miller, Randi Rhodes, Lionel, and Ed Schultz, whose show has already begun airing on the station.

"What makes it special is that it's completely unique, and it is a format that's emerging across the country," Cook said. "Some people are more moderate than other people. ... It's just going to be a fresh new approach, some new ideas." Cook acknowledged that Reno is a primarily conservative market but said the format doesn't rely on a liberal populace. "It's working in San Diego, which is very conservative," he said. "You know what talk radio does. It inspires you to think a little bit, whether you agree or you don't agree. That's what sets talk radio apart from the rest of the formats. There are issues being discussed. Whether you're for them or against them, it stimulates your mind. And that's kind of why we call it progressive talk."

KJFK's flagship program will be "The Al Franken Show," airing from 9 a.m. to noon weekdays. Franken and veteran radio host Katherine Lanpher host the program, which is a mix of satire and serious political commentary. The program features frequent interviews with guests, but call-in interaction with listeners is limited. The most notable victims of the format change are Rome, who will no longer have a home in the market, and local sports show host Bob D., who is moving

to a sister station. Cook said D.'s daily program will air from 8 to 10 p.m. weekdays [PT] on 1270-AM The Buzz. As for Rome, Cook said he never performed well in this market. "That was a surprise for us," he said. "I liked him myself, but I don't know what the deal was." Although KJFK will be primarily a political talk station, the sports component will not disappear. Cook said he plans to continue carrying San Francisco Giants baseball, Monday Night Football and college and professional football games on weekends. Also in the works, Cook said, is a local announcer to compliment the station's syndicated hosts, but the station is still in the hiring phase (via Dale Park, HI, IRCA Soft DX Monitor March 19 via DXLD)

** ZIMBABWE [and non]. SW Radio Africa, 3230 and 6145 (1600-1900 UT) is being jammed effectively by 2 x 100 kW Continental 418E transmitters from ZBC Gweru, Zimbabwe. SWRA has been monitored on alternative frequencies of 11845 (1600-1700 UT), 11705 (1700-1800 UT), 11955 (1800-1900 UT) without any jamming. There is a 1 kHz tone block jammer in use which is 10 kHz wide. ZBC Gweru is 200 km South of my location in Harare (David Pringle-Wood, Zimbabwe, March 17, DX LISTENING DIGEST)

SW RADIO AFRICA JAMMING CONFIRMED BY BBCM

Observations made on 16 March confirm the presence of deliberate jamming on all three broadcasts made by SW Radio Africa. The 1600gmt cast on 11845 kHz was accompanied by a continuous 1 kHz tone whilst the 1700 and 1800 gmt casts, on 11705 and 11995 kHz respectively, were targeted by a rotary-type jammer. The interfering signals were present only for the period of the SW Radio Africa programming. Source: BBC Monitoring research, 1900 gmt 16 Mar 05 (via DXLD)

Glenn, I got this rotary cycling tone jammer as from 1 March on SWRA frequencies that evening. It has been used on most of the SWRA frequencies but seems to be now not used by them in favour of the 1 kHz tone one. The cycling jammer is a lowly modulated undertoned one which cycles with another frequency --- high to low pitch in exactly 60 seconds. Just like a fire work rocket going off. But it now appear that this jammer has left the air in favour of the 1 kHz toned one. This jammer is on 3230 & 6145 (1600-1900 UT) and 3230 (0300-0500 UT) (David Pringle-Wood, Zimbabwe, March 17, DX LISTENING DIGEST)

They did originate 11845 from ASC till March 14, then switched to Rampisham-UK from March 15 on 11845, 11705, and 11995. We here in Europe hear always a thiny whistle sound co-channel - as jammer, but not really jamming signal like against R Liberty era etc. - in the background (Wolfgang B,schel, Germany, March 17, DX LISTENING DIGEST)

UNIDENTIFIED. Strange noises dept.: What is it on 4718 plus or minus

in the evenings? And sounds like a race car on 6250, also daytime on 13237 (George McClintock, TN, March 17, DX LISTENING DIGEST)

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## PUBLICATIONS

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### MEDIUM WAVE CIRCLE ARCHIVE CD

The Medium Wave Circle is pleased to announce the release of its latest archive CD. Included are more than 100 audio clips of DX catches heard in the UK, mostly on beverage aerials, plus audio from numerous other stations including the 1960's offshore pirates Radios London and City. There are also various video clips, 25+ useful maps, station lists such as the Pacific Asian list, EuroAfrican list etc, etc. Also included are 24 receiver manuals and 50+ receiver reviews from Radio Netherlands. There are also various other features too numerous to list in detail. Included for the first time are the 4 MWC All Time DX lists of MW stations heard in the UK since 1953.

There are more than 2000 stations listed from all around the world. In addition to all the above, there are also 10 issues of our magazine Medium Wave News in PDF format from April 2002 to March 2003, plus 10 issues from April 2004 - March 2005. There are many hours of listening, reading and watching on this CD. The cost is £5 in the UK, 10 Euros to Europe and US\$11 anywhere else in the world. Prices include postage & packing. To order the CD, send your money to MWC, 59 Moat Lane, Luton LU3 1UU, England. Alternatively, we accept PayPal payments from outside the UK. The payment should be sent to contact @ mwcircle.org

If you have any queries about the CD, please contact us at the address above or via treasurer @ mwcircle.org (Clive Rooms, MWC, March 16, DX LISTENING DIGEST)

## LANGUAGE LESSONS

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``SEVENTY THREES``

Did you know? Correct usage. The expression 73 is in itself plural meaning Best Regards. So the use of 73's is incorrect. Thanks to Bill Smith, League member USA (March NZ DX Times via DXLD)

## POWERLINE COMMUNICATIONS

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AMBIENT, FCC FAILING TO ADDRESS NEW YORK BPL COMPLAINTS, ARRL CHARGES  
<http://www.arrl.org/news/stories/2005/03/17/5/?nc=1>

NEWINGTON, CT, Mar 17, 2005 --- The ARRL has charged BPL equipment maker Ambient Corporation and the FCC with being unwilling or unable to effectively deal with harmful interference stemming from a New York BPL pilot project. The League this week asked the Commission for the third time to shut down Ambient's Briarcliff Manor ``non-compliant system without further delay`` until Ambient addresses interference complaints. The League's latest salvo in the Briarcliff Manor BPL battle was in response to a February 10 letter from Bruce Franca, deputy chief of the FCC Office of Engineering and Technology (OET). Franca's letter concluded that FCC measurements in response to Amateur Radio complaints of harmful interference showed no changes were required to the BPL system.

``The Commission's failure to conduct a thorough investigation of this matter, and the tenor of your February 10, 2005, letter, lead to speculation that the Commission is really not interested in finding the interference that exists at Briarcliff Manor or at other BPL test sites or in enforcing the Part 15 rules,`` the ARRL responded. ``Ambient's apparent tactic of making changes in the system after receiving interference complaints and then denying that the interference problems complained of ever existed is not helpful.`` Nor did it help, the League's filing continued, that Ambient's engineer refused last December to participate with ARRL in a demonstration of the interference. The League said it's no longer possible for the Commission or Ambient ``to deny the ongoing, serious interference problems at Briarcliff Manor.``

The League pointed out that a member of the FCC Enforcement Bureau's staff personally witnessed the interference from the Briarcliff Manor system at two locations that were the focus of complaints last December. Franca's February letter failed to acknowledge video documenting the visit and uploaded to the League's Web site, even though the ARRL has provided him with the URL. At that time, ARRL Laboratory staff members took measurements at various points in the system to document problems.

While subsequent ARRL measurements did turn up a reduction of BPL emissions in some areas, emissions that would ``substantially preclude Amateur communications`` remain, the ARRL said, and along Dalmeny Road, interference is still at levels essentially unchanged from those measured last December and appear throughout the 20-meter band.

ARRL Laboratory staff members most recently visited Briarcliff Manor on March 11, and the League's filing to the FCC and Ambient this week

included a summary of their measurements and observations. At one point, RF emission levels from the BPL system exceeded the FCC's Part 15 permitted levels by up to 20 dB, the League said.

Elsewhere, emissions along Dalmeny Road --- which the FCC did not revisit earlier this year --- ``continue to contribute 14 dB of degradation of ambient noise`` on 20 meters. BPL interference also has been reported on 80 meters. The ARRL further faulted the FCC for not contacting the complainant, Westchester County ARES Emergency Coordinator Alan Crosswell, N2YGG, who routinely travels the roads in question and has experienced interference. Crosswell, who's also Westchester County RACES Officer, has documented BPL interference, complaints and related information on his ``BPL in Briarcliff Manor`` Web site.

The League said the FCC's continued refusal to shut down the Ambient Corporation's BPL system in Briarcliff Manor ``highlights the completely arbitrary and baseless findings in the Commission's Report and Order in Docket 04-37, adopted last October 14.

ARRL CEO David Sumner, K1ZZ, shared a copy of the ARRL's latest complaint to the FCC and Ambient with the New York State Emergency Research & Development Authority (NYSERDA), which has provided public funding to the Briarcliff Manor project. Utility Consolidated Edison and Ambient announced the NYSERDA funding award last June. Sumner reminded NYSERDA Director Gunnar Walmet of Walmet's statement last summer that the project would require Con Edison to ``continually monitor possible radio interference`` from the BPL demonstration.

``I respectfully submit that Con Ed has failed to meet your requirement,`` Sumner told Walmet. ``It has been almost nine months since I first brought this situation to your attention. What is NYSERDA's response that I can share with our 152,000 members?``

In early January, the ARRL questioned Ambient's veracity and technical competence and criticized the FCC for not shutting the system down. The League requested then that the FCC rescind Ambient's WD2XEQ Part 5 Experimental license for the BPL pilot project.

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ARRL SEEKS TEXAS BPL PILOT PROJECT SHUTDOWN, FINES

NEWINGTON, CT, Mar 17, 2005 -- The ARRL has requested that the FCC immediately shut down an Irving, Texas, BPL pilot project and fine its operator for causing extensive harmful interference to Amateur Radio communications. The League's March 15 filing to the FCC's Enforcement

Bureau, the FCC Office of Engineering and Technology and the system's operator comes in the wake of--and supports--a complaint from ARRL member Jory McIntosh, KJ5RM, of Hastlet, Texas. McIntosh regularly commutes through the BPL test zone, which is in the Dallas-Fort Worth area. The FCC has yet to respond to a formal complaint he filed last fall.

``The results of tests conducted by ARRL Laboratory Manager Ed Hare are that this facility, which has been the subject of an unresolved interference complaint dating back to November, 2004, is still regularly causing harmful interference to Amateur Radio stations and must be required to cease operation immediately,`` said the League's complaint, signed by ARRL General Counsel Chris Imlay, W3KD. Hare visited the Texas site last October.

The ARRL said the levels of interfering BPL signals Hare measured and documented ``are sufficient to obscure virtually all Amateur Radio received signals and preclude Amateur Radio communications in the areas and on the bands identified in the report.``

McIntosh personally documented some two dozen instances of harmful interference from the BPL test stand on 11 days between July and October 2004, the ARRL complaint noted. He logged serious interference on 40, 20, 17, 15, 10 and 6 meters.

``My communications are not affected until I get within one mile of the BPL system location at which time my radio receiver is quickly overloaded with high levels of interference that blocks out all but the very strongest of signals on the amateur bands listed above,`` McIntosh has indicated. ``The interference is so bad that even with full filtering and digital signal processing engaged, I am unable to continue my communications until I am one mile away from the system.`` This week's ARRL filing, which included a summary of Hare's measurements, recounted McIntosh's complaints last summer to utility TXU and BPL equipment provider Amperion. TXU and Amperion representatives accompanied McIntosh on interference demonstrations and made some unspecified adjustments. But, the League notes in its complaint, ``Nothing has changed since the complaint was first lodged.`` As of March 9, 2005, the ARRL said, the system was producing the same amounts of interference within and outside the amateur bands that McIntosh already had reported.

``ARRL therefore requests that the BPL facility at Irving, Texas, be instructed to shut down immediately, and that it not resume operation unless the facility is shown to be in full compliance with Commission rules regarding radiated emissions and with the non-interference requirement of Section 15.5 of the Commission's rules,`` the League's complaint said. The ARRL also called on the FCC to impose monetary



forfeitures on Amperion.

Test results attached to the complaint ``are sufficient to demonstrate that this BPL test site should be shut down immediately,`` the League said. The ARRL expressed doubt, however, that the system could be demonstrated to operate without causing harmful interference. The League's test report noted that McIntosh observed extremely strong interference on amateur spectrum ``almost as soon as the system was installed.`` Initial adjustments by the utility failed to make much change. McIntosh filed his formal written complaint with the FCC last November 15.

The ARRL's test report points out that the interference is not confined to Amateur Radio spectrum. ``In addition to moderate-to-strong interference observed in the Amateur Radio Service bands, strong interference is seen on spectrum allocated to international shortwave broadcast; US government time and frequency signals (WWV); Citizens Band; low-VHF public service and business spectrum and various aeronautical, commercial and government spectrum,`` the report recounted. ``Many of the bands that the new FCC regulations on BPL will require be notched are not protected at this time.``

The League predicted that if the Irving system were deployed across a wider geographical area in its present form, ``it is certain that harmful interference to various spectrum users will occur, and additional interference complaints are inevitable.`` The complaint reiterated that FCC Part 15 regulations require unlicensed emitters not cause any harmful interference, and the Irving BPL system was not in compliance (via Bill Smith, W5USM, DXLD)

RADIO EQUIPMENT FORUM

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Re R8B DISCONTINUED

Didn't Drake engineer the Eaton E1, due out real soon now? Not that the E1 is on a par with the R8B. Having never seen nor used either one I have no way to compare. Pricewise I understand the E1 would be about a third the price of an R8B (W. Curt Deegan, Boca Raton, (South East) Florida, NRC-AM via DXLD)

PROPAGATION

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GEOMAGNETIC INDICES

Phil Bytheway - Seattle WA - phil\_tekno @ yahoo.com  
Geomagnetic Summary January 6 2005 through March 15 2005

Tabulated from daily email status

| Date | Flux | A  | K | SA Forecast | GM Forecast | Aurora Index |
|------|------|----|---|-------------|-------------|--------------|
| 1/ 6 | 88   | 18 | x | x           | x           | x            |
| 7    | 83   | 2  | 2 | no storms   | no storms   | 9            |
| 8    | 83   | 24 | 3 | moderate    | minor       | 9            |
| 9    | 84   | 40 | 7 | strong      | strong      | 9            |
| 10   | 88   | 5  | 2 | minor       | no storms   | 5            |
| 11   | 90   | 6  | 6 | no storms   | no storms   | 7            |
| 12   | 94   | 13 | 2 | no storms   | no storms   | 7            |
| 13   | 102  | 24 | 3 | minor       | no storms   | 7            |
| 14   | 116  | 14 | 3 | no storms   | no storms   | 6            |
| 15   | 130  | 11 | 4 | minor       | moderate    | 3            |
| 16   | 145  | 22 | 3 | strong      | strong      | 5            |
| 17   | 145  | 12 | 6 | strong      | strong      | 9            |
| 18   | 138  | 50 | 5 | strong      | strong      | 8            |
| 19   | 124  | 52 | 4 | strong      | strong      | 7            |
| 20   | 133  | 47 | 3 | strong      | strong      | 6            |
| 21   | 123  | 11 | 3 | strong      | strong      | 9            |
| 22   | 114  | 47 | 7 | severe      | strong      | 10           |
| 23   | 102  | 30 | 3 | moderate    | no storms   | 8            |
| 24   | 96   | 17 | 3 | minor       | no storms   | 8            |
| 25   | 95   | 8  | 2 | no storms   | no storms   | 7            |
| 26   | 94   | 6  | 3 | no storms   | no storms   | 8            |
| 27   | 89   | 5  | 2 | no storms   | no storms   | 6            |
| 28   | 87   | 8  | 3 | no storms   | no storms   | 5            |
| 29   | 85   | 6  | 3 | no storms   | no storms   | 7            |
| 30   | 86   | 18 | 4 | no storms   | no storms   | 8            |
| 1/31 | x    | x  | x | x           | x           | x            |
| 2/ 1 | 86   | 18 | 3 | x           | x           | x            |
| 2    | 84   | 6  | 2 | no storms   | no storms   | 4            |
| 3    | 82   | 10 | 3 | no storms   | no storms   | 8            |
| 4    | 83   | 9  | 1 | no storms   | no storms   | 4            |
| 5    | 82   | 1  | 1 | no storms   | no storms   | 6            |
| 6    | 95   | 1  | 0 | no storms   | minor       | 4            |
| 7    | 97   | 9  | 2 | no storms   | no storms   | 8            |
| 8    | 103  | 29 | 5 | minor       | minor       | 10           |
| 9    | 108  | 36 | 4 | moderate    | no storms   | 7            |
| 10   | 109  | 24 | 4 | minor       | no storms   | 9            |
| 11   | 114  | 18 | 3 | no storms   | no storms   | 9            |
| 12   | 114  | 11 | x | x           | x           | x            |
| 13   | 116  | 6  | 2 | no storms   | no storms   | 5            |
| 14   | 116  | 3  | x | x           | x           | x            |
| 15   | 118  | 5  | 2 | no storms   | no storms   | 9            |
| 16   | 122  | 2  | 0 | no storms   | no storms   | 6            |
| 17   | 113  | 12 | 3 | no storms   | no storms   | 7            |
| 18   | 111  | 3  | 2 | no storms   | no storms   | 3            |

|      |     |    |   |           |           |    |
|------|-----|----|---|-----------|-----------|----|
| 19   | 104 | 21 | 2 | minor     | no storms | 7  |
| 20   | 99  | 14 | 3 | minor     | no storms | 8  |
| 21   | 96  | 11 | 2 | no storms | no storms | 6  |
| 22   | 95  | 7  | 1 | no storms | no storms | 5  |
| 23   | 92  | 7  | 3 | no storms | no storms | 7  |
| 24   | 85  | 7  | 3 | no storms | no storms | 5  |
| 25   | 80  | 6  | 2 | no storms | no storms | 4  |
| 26   | 78  | 14 | 4 | no storms | no storms | 7  |
| 27   | 77  | 10 | 3 | no storms | no storms | 8  |
| 2/28 | 76  | 9  | 1 | no storms | no storms | 4  |
| 3/ 1 | 75  | 9  | 1 | no storms | no storms | 5  |
| 2    | 74  | 8  | 1 | no storms | no storms | 4  |
| 3    | 75  | 11 | 1 | no storms | no storms | 5  |
| 4    | 77  | 3  | 1 | no storms | no storms | 6  |
| 5    | 79  | 2  | 1 | no storms | no storms | 4  |
| 6    | 81  | 8  | 2 | no storms | no storms | 9  |
| 7    | 84  | 27 | 3 | minor     | minor     | 10 |
| 8    | 87  | 34 | 4 | moderate  | minor     | 7  |
| 9    | 94  | 25 | 3 | minor     | no storms | 10 |
| 10   | 100 | 21 | 4 | no storms | no storms | 10 |
| 11   | 102 | 13 | 2 | no storms | no storms | 6  |
| 12   | 105 | 9  | 2 | no storms | no storms | 2  |
| 13   | 110 | 6  | 2 | no storms | no storms | 3  |
| 14   | 114 | 7  | 3 | no storms | no storms | 7  |
| 3/15 | 112 | 21 | 2 | minor     | no storms | 8  |

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(via IRCA Soft DX Monitor March 19 via DXLD) ###